

REC'D 7-9-99
F.B.

Ciba

July 7, 1999

Mr. Frank Battaglia, Project Manager
USEPA Region I
Waste Management Building
90 Canal Street
Boston, MA 02114

RCRA RECORDS CENTER
FACILITY Ciba Geisly Corp
I.D. NO. RID001194323
FILE LOC. R 12
OTHER _____

RE: Monthly Progress Report
Ciba Specialty Chemicals, 180 Mill Street, Cranston, RI 02905
EPA ID RID001194323

Dear Mr. Battaglia:

As required by the modified Consent Decree (CD) of September 28, 1992, I am submitting the monthly stabilization progress report for June 1999.

1.0 SUMMARY

Stabilization Plan (IRM)

- **Contaminated groundwater in the Production Area (AOC 13)** -- The groundwater extraction wells 110 and 120 and the pretreatment system are operating at near capacity due to the successful rehabilitation of both recovery wells.

Construction of a third production well (PW-130) is scheduled for August 1999.

Since the initiation on September 29, 1995, the groundwater stabilization pretreatment plant has processed approximately 113 million gallons of contaminated groundwater meeting the permit wastewater discharge limits for the City of Cranston, Rhode Island.

- **Soil in the Production Area (SWMU 11)** -- Ciba is piloting SVE using GAC to remove the soil extracted VOAs.



2.0 DISCUSSION

New Production Well 130

Ciba has contracted with D.L. Mayer Drilling Services of North Reading, MA to drill a 12" case hole down to 43 feet for the new 6" diameter purge well, PW-130. URS Greiner Woodward Clyde (URSGWC) will provide over site to the project. D.L. Maher will be on site the week of August 6, 1999, to begin the project.

The new well will complement the two existing purge wells and provide for complete capture of groundwater discharge to the Pawtuxet River. Ciba has selected a driller to review the details and make a proposal for the well installation. Ciba plans to have the installation complete and the well operational by summer 1999.

Semiannual Monitoring Report

The semiannual monitoring report for the period from January to June 1999 is attached. The format has changed and includes graphs for each of the 12 program wells and the 5 chemicals with Media Protection Standards (MPSs).

The conclusion in the report is groundwater quality as measured by the exceedance in MPSs for groundwater monitoring in the former Production Area has improved over time. Hydraulic capture falls short at the bulkhead and the introduction of a third purge well expected by August 1999 should improve these results

3.0 SCHEDULE OF ACTIVITIES

- Install new purge well by August 1999

If you have questions or need additional information, please contact me at 732 914-2537 or fax 732 914-2909.

Sincerely,



Barry Cohen
Projector Coordinator

attachment:1

Monthly Report Distribution List

Mr. Frank Battaglia (2 copies)
USEPA Region I
Office of Site Remediation and Restoration (HBT)
JFK Federal Building
Boston, MA 02203
(617) 918-1362

Ms. Doris Aschman
RIDEM
Division of Site Remediation
235 Promenade Street, Providence, RI 02908-5025
(401) 277-2797 Ext. 7136

Mr. Mark Houlday
URS Greiner Woodward Clyde
Barley Mill Plaza #27
PO Box 80027
Wilmington, DE 19880-0027
(302) 992-7643

Dayna Jordan
Ciba Specialty Chemicals Corp.
Environmental Matters Agreement
Tarrytown, NY